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The 10th in a series of studies of problems of permanent instructional space in the Florida State University. It is concerned with the utilization of permanent instructional space rather than adequacy or appropriateness, such as the ventilation, lighting, and heating of room facilities, or the use of office space.

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# A STUDY OF UTILIZATION OF PERMANENT INSTRUCTIONAL SPACE in the FLORIDA STATE UNIVERSITY

Fall Semester, 1962

U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
Office of Education

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Office of
INSTITUTIONAL RESEARCH AND SERVICE
Florida State University

ED000829

# A STUDY OF UTILIZATION OF PERMANENT INSTRUCTIONAL SPACE IN THE FLORIDA STATE UNIVERSITY: FALL SEMESTER, 1962

Prepared in the
Office of Institutional Research and Service
Florida State University
March, 1963

## FINDINGS IN BRIEF

1. In the entire University the number of instructional rooms in permanent buildings in the fall of 1962 totaled 220, the same number as for the fall of 1961. The number of instructional rooms in temporary buildings in the fall of 1962 was only two.

2. Ninety-four (94) per cent of all room-periods used are scheduled between 8:00 A.M. and 5:00 P.M., Monday through Friday.

3. Room-period use is 54 per cent and student-station-period use is 40 per cent for all types of instructional space combined.

4. Teaching auditoriums and general classrooms are used substantially more than seminar rooms and teaching laboratories.

5. Instructional rooms in the main are used most on Mondays and Wednesdays. They are used very little if at all on Saturdays.

6. Instructional rooms are used most frequently between the hours of 9:00 A.M. and 3:00 P.M.

7. The History Building has the highest percentage of room-period use (77%); the Geology Building and the History Building tie for the highest percentage of student-station-period use (58%).

8. The Dining Hall has the lowest percentage of room-period use (29%); it also has the lowest percentage of student-station-period use (12%).

9. When compared with normative data concerning other comparable institutions of higher learning in America the Florida State University shows effective and efficient use of its permanent instructional space.

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# INTRODUCTION TO STUDY[1]

This is the tenth in a series of studies of problems of permanent instructional space in the Florida State University made by the Office of Institutional Research and Service. During the academic year 1953-1954 OIRS supplied to the Council for the Study of Higher Education in Florida data concerning space utilization in the University.[2] In the Spring of 1955 a catalog (i.e., inventory) was made of the University's academic space.[3] Since then OIRS has made detailed studies of space utilization in the University each fall semester.[4,5,6,7,8,9,10] The study here reported concerns the utilization of permanent instructional space for the fall of 1962.[11,12]

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[1]Prepared in the Office of Institutional Research and Service, Florida State University. OIRS is grateful to the Office of the Board of Control, the Office of the Resident Engineer, and the Office of the Registrar for assistance with the study.

[2]These data have been summarized, tabulated, and discussed in Volume 3 of the CSHEF report entitled Facts and Figures of Florida's Higher Education at Mid-Century (p. 54) and in Volume 4 of the CSHEF report entitled The Government, Management, and Finance of Higher Education in Florida (pp. 161-169).

[3]Academic Space in Permanent Buildings. Tallahassee, Florida: Office of Educational Research and Service, Florida State University, 1955. (NOTE. These data are now in the process of being brought up to date and being put on IBM cards.)

[4]See the OIRS report entitled A Study of Utilization of Permanent Instructional Space in the Florida State University: Fall Semester, 1955.

[5]Ibid., 1956. [6]Ibid., 1957 [7]Ibid., 1958. [8]Ibid., 1959. [9]Ibid., 1960.

[10]Ibid., 1961.

[11]It should be noted that this study is concerned only with use of instructional space. Office space is not here considered (although a study of office space in the Florida State University was completed in 1960-1961), nor is there any indication concerning adequacy or appropriateness (e.g., ventilation, lighting, heating, esthetic appearance, and the like) of room facilities.

[12]Data concerning the utilization of instructional space in temporary buildings are reported in Appendix D.

In making this study the methods employed were in keeping with the program adopted by the Board of Control for Florida's institutions of higher education for an analysis of the utilization of instructional space among the public universities of the state. The procedures for collecting and processing data were essentially the same as for the 1957, 1958, 1959, 1960, and 1961 studies which varied slightly from the 1955 and 1956 studies.[1,2] The reporting form has been modified appropriately to conform to that requested by the Board of Control. The last five reports therefore show the analyses in more detail than did earlier reports. The principal items of additional information offered are:

1. Analyses by buildings of utilization of rooms and student stations for each type of instructional space.

2. Analyses by size of room of utilization of rooms and student stations for each type of instructional space.

3. Analyses of the relationships of class size to the size of the room in which the class meets for each type of instructional space.

## THE FINDINGS

Total Instructional Space. Table 1 shows the total instructional space (i.e., space which is available for or regularly used for class activities) in each of the permanent buildings. The amount of instructional space is expressed in terms of (1) the number of instructional rooms--general classrooms, seminar rooms, teaching laboratories, and teaching auditoriums; (2) the number of student-stations (accommodations for students engaged in class activities) in instructional rooms; and (3) the number of square feet of floor space in instructional rooms.

Table 2 shows that the total number of rooms used for instruction increased from 143 in the fall of 1955 to 224 in the fall of 1959, then decreased to 222 in the fall

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[1]Same reference as footnote 6 on page 1; p. 2. Also see reference to footnote 7, 8, 9, and 10 on page 1, p. 2 (in each case).

[2]Same reference as footnote 4 on page 1: pp. 2-3.

TABLE 1

# I N S T R U C T I O N A L  S P A C E

Rooms, Student Stations, and Floor Area
By Building and by Type of Space
Fall, 1962

| Number and Name of Building | General Classrooms | | | Seminar Rooms | | | Teaching Laboratories | | | Teaching Auditoriums | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. Rooms | No. Stu. Stations | Sq. Ft. Floor Area | No. Rooms | No. Stu. Stations | Sq. Ft. Floor Area | No. Rooms | No. Stu. Stations | Sq. Ft. Floor Area | No. Rooms | No. Stu. Stations | Sq. Ft. Floor Area |
| 11 "A" | 9 | 474 | 6915 | 0 | ---- | ----- | 3 | 81 | 2809 | 0 | ---- | ----- |
| Art En. Lab Wing | 0 | ---- | ----- | 0 | ---- | ----- | 3 | 55 | 5774 | 0 | ---- | ----- |
| 52 Business | 23 | 1125 | 15172 | 0 | ---- | ----- | 7 | 242 | 5326 | 0 | ---- | ----- |
| 133 Conradi | 1 | 41 | 382 | 0 | ---- | ----- | 13 | 242 | 8508 | 1 | 150 | 1876 |
| 17 Dining Hall | 2 | 90 | 1380 | 0 | ---- | ----- | 3 | 59 | 4215 | 0 | ---- | ----- |
| 4 Dodd | 3 | 105 | 1654 | 0 | ---- | ----- | 0 | ---- | ----- | 0 | ---- | ----- |
| 55 Education | 19 | 680 | 12989 | 3 | 54 | 1200 | 6 | 137 | 4219 | 0 | ---- | ----- |
| 113 Geology | 0 | ---- | ----- | 1 | 34 | 468 | 6 | 104 | 3546 | 1 | 219 | 2318 |
| 3 History | 25 | 1088 | 14572 | 0 | ---- | ----- | 2 | 58 | 1584 | 0 | ---- | ----- |
| 135 Home Economics | 3 | 140 | 3202 | 0 | ---- | ----- | 14 | 347 | 12703 | 0 | ---- | ----- |
| 134 Library | 3 | 150 | 1525 | 0 | ---- | ----- | 2 | 54 | 1144 | 0 | ---- | ----- |
| 121 Main. Bldg. Annex-ROTC | 6 | 192 | 4120 | 0 | ---- | ----- | 0 | ---- | ----- | 0 | ---- | ----- |
| 116 Math-Meteorology | 11 | 405 | 8673 | 0 | ---- | ----- | 5 | 144 | 4610 | 1 | 105 | 1636 |
| 25 Montgomery Gym. | 3 | 118 | 1995 | 0 | ---- | ----- | 0 | ---- | ----- | 0 | ---- | ----- |
| 89 Music | 5 | 238 | 3279 | 1 | 30 | 487 | 1 | 20 | 399 | 0 | ---- | ----- |
| 5 Psychology | 5 | 349 | 3162 | 0 | ---- | ----- | 0 | ---- | ----- | 0 | ---- | ----- |
| 2 Science | 3 | 124 | 1401 | 0 | ---- | ----- | 9 | 222 | 7917 | 2 | 360 | 3779 |
| 132 Tully Gym. | 6 | 210 | 3571 | 1 | 15 | 405 | 0 | ---- | ----- | 0 | ---- | ----- |
| 1 Westcott | 1 | 48 | 697 | 0 | ---- | ----- | 7 | 160 | 7355 | 0 | ---- | ----- |
| ALL BUILDINGS | 128 | 5577 | 84689 | 6 | 133 | 2560 | 81 | 1925 | 70109 | 5 | 834 | 9609 |

of 1960, decreased further to 220 in the fall of 1961 and remained at 220 in the fall of 1962.

TABLE 2

PERMANENT INSTRUCTIONAL SPACE: 1955-1962

| TYPE OF INSTRUCTIONAL SPACE | NUMBER: 1955 | NUMBER: 1956 | NUMBER: 1957 | NUMBER: 1958 | NUMBER: 1959 | NUMBER: 1960 | NUMBER: 1961 | NUMBER: 1962 |
|---|---|---|---|---|---|---|---|---|
| General Classrooms | 79 | 103 | 94 | 125 | 123 | 119 | 124 | 126 |
| Seminar Rooms | 6 | 11 | 7 | 8 | 10 | 13 | 7 | 6 |
| Teaching Laboratories | 53 | 71 | 78 | 83 | 84 | 84 | 84 | 81 |
| Teaching Auditoriums | 5 | 6 | 6 | 5 | 7 | 6 | 5 | 5 |
| ALL TYPES COMBINED | 143 | 191 | 185 | 221 | 224 | 222 | 220 | 220 |

Total Room-Periods Scheduled. Table 3 shows the total room-periods scheduled at any time during the calendar week. Excepting the Music Building, it will be noted that 94.0 per cent of the room-periods are scheduled within the daylight hours (i.e., 8:00 A.M.-5:00 P.M.), Monday through Friday. Nearly six (5.9) per cent of the room-periods are scheduled after 5:00 P.M., Monday through Friday. Only 0.1 per cent are scheduled on Saturday.

These data, essentially similar to data reported for 1955, 1956, 1957, 1958, 1959, 1960, and 1961 show only limited evening use in terms of total room-periods scheduled beyond the daylight hours (6.0% in 1955, 5.5% in 1956, 4.5% in 1957, 4.1% in 1958, 3.8% in 1959, 4.8% in 1960, 5.5% in 1961, and 5.9% in 1962). For all practical purposes it may be said that the Florida State University operates on a daylight schedule, Monday through Friday. The exception to this statement is the Music Building; this Building--especially the practice rooms--is used considerably both in the evenings and on Saturdays.

TABLE 3

TOTAL ROOM-PERIODS SCHEDULED AT ANY TIME DURING THE CALENDAR WEEK

All Instructional Space
Fall, 1962

| TYPE OF SPACE | ROOM-PERIODS USED | | | |
|---|---|---|---|---|
| | 8:00-5:00 Mon.-Fri. | After 5:00 Mon.-Fri. | Saturday | Total |
| GENERAL CLASSROOM | 3435.5 | 186.5 | 3.0 | 3625.0 |
| SEMINAR ROOM | 76.5 | 14.0 | 0.0 | 90.5 |
| TEACHING LABORATORY | 1245.5 | 98.5 | 0.0 | 1344.0 |
| TEACHING AUDITORIUM | 165.5 | 16.0 | 0.0 | 181.5 |
| OTHER (Except Music Bldg.) | 396.0 | 23.5 | 0.0 | 419.5 |
| TEMPORARY | 38.0 | 0.0 | 0.0 | 38.0 |
| SUBTOTAL | 5357.0 | 338.5 | 3.0 | 5698.5 |
| PERCENTAGE OF TOTAL ROOM-PERIODS USED DURING EACH PART OF WEEK (Except Music Bldg.) | 94.0 | 5.9 | 0.1 | 100.0 |
| OTHER (MUSIC BLDG.) | 2069.5 | 1126.5 | 546.0 | 3742.0 |
| GRAND TOTAL | 7426.5 | 1465.0 | 549.0 | 9440.5 |
| PERCENTAGE OF TOTAL ROOM-PERIODS USED DURING EACH PART OF WEEK | 78.7 | 15.5 | 5.8 | 100.0 |

Utilization of Instructional Space: By Days of the Week. Tables 4 through 8 indicate room-periods used and student-station-periods used by days of the week for general classrooms, seminar rooms, teaching laboratories, and teaching auditoriums in all permanent buildings.[1] Observation of these tables shows that on "room basis" instructional facilities may be arranged, from most-used to least-used, in this order: teaching auditoriums, general classrooms, seminar rooms, and teaching laboratories.

It will be noted in Tables 4 through 8 that the percentages of possible utilization of room-periods and student-station-periods are based on the number of room-periods and student-station-periods available each day. Each room and each student-station are considered available eight hours each day, Monday through Friday, and four hours on Saturday. The percentages showing total usage are computed as the percentages of possible room-period and student-station-period utilization on the basis of a 44-hour weekly schedule, but all regularly scheduled instructional use throughout the calendar week is included.

Table 4, 5, and 8 show that room-periods and student-station-periods are more heavily scheduled on Mondays and Wednesdays than on Tuesdays, Thursdays, and Fridays for general classrooms and for all types of facilities combined. Teaching laboratories are used about equally Monday through Thursday, somewhat less on Fridays. Seminar rooms are most used on Tuesdays. Teaching auditoriums are used about equally Monday through Friday. As would be expected, all types of rooms show little or no usage on Saturdays. Reasonable balance, in general, has been achieved in scheduling instructional space among the various days of the five-day week, Monday through Friday.

When all types of facilities are considered together the room-period use totals 54 per cent of all the room-periods available during a 44-hour week and the student-

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[1]These forms have also been completed for each individual building and are contained in Appendix I in a master copy of this report which may be seen in the Office of Institutional Research and Service.

TABLE 4

UTILIZATION OF INSTRUCTIONAL SPACE
BY DAYS OF THE WEEK

All Instructional Space: All Buildings
Fall, 1962

Number of Rooms 220

Number of Student Stations 8469

Number of Room-periods Available Each Day*
Monday-Friday 1760
Saturday 880

No. Student-Station-Periods Available Each Day*
Monday-Friday 67752
Saturday 33876

| Day of the Week | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total Room-Periods Used | Avg. No. of Periods Rooms Used | Percentage of Possible* Utilization | Total Student-Station-Periods Occupied | Avg. No. of Periods Student-Stations Used | Percentage of Possible* Utilization |
| Monday | 1134.5 | 5.2 | 64% | 31892.0 | 3.7 | 47% |
| Tuesday | 1020.5 | 4.6 | 58 | 28844.5 | 3.4 | 43 |
| Wednesday | 1119.0 | 5.1 | 64 | 31931.0 | 3.8 | 47 |
| Thursday | 986.0 | 4.5 | 56 | 27678.5 | 3.3 | 41 |
| Friday | 978.0 | 4.4 | 56 | 29561.5 | 3.5 | 44 |
| Saturday | 3.0 | 0.0** | 0*** | 84.0 | 0.0** | 0*** |
| TOTAL FOR 5½ DAYS | 5241.0 | 23.8 | 54% | 149991.5 | 17.7 | 40% |

*Based on 44-hour week, eight hours each day Monday through Friday and four hours on Saturday.

**Less than 0.05

***Less than 0.5 %.

TABLE 5

UTILIZATION OF INSTRUCTIONAL SPACE
BY DAYS OF THE WEEK

General Classrooms: All Buildings
Fall, 1962

Number of Rooms 128

Number of Student Stations 5577

Number of Room-Periods Available Each Day*
Monday-Friday 1024
Saturday 512

No. Student-Station-Periods Available Each Day*
Monday-Friday 44616
Saturday 22308

| Day of the Week | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total Room-Periods Used | Avg. No. of Periods Rooms Used | Percentage of Possible* Utilization | Total Student-Station-Periods Occupied | Avg. No. of Periods Student-Stations Used | Percentage of Possible Utilization |
| Monday | 790.5 | 6.2 | 77% | 22099.5 | 4.0 | 50% |
| Tuesday | 687.5 | 5.4 | 67 | 19132.0 | 3.4 | 43 |
| Wednesday | 775.0 | 6.1 | 76 | 21629.0 | 3.9 | 48 |
| Thursday | 659.5 | 5.1 | 64 | 18613.0 | 3.3 | 42 |
| Friday | 709.5 | 5.5 | 69 | 20347.0 | 3.6 | 46 |
| Saturday | 3.0 | 0.0** | 1 | 84.0 | 0.0** | 0*** |
| TOTAL FOR 5½ DAYS | 3625.0 | 28.3 | 64% | 101904.5 | 18.2 | 42% |

*Based on 44-hour week, eight hours each day Monday through Friday and four hours on Saturday.

**Less than 0.05

***Less than 0.5%.

TABLE 6

UTILIZATION OF INSTRUCTIONAL SPACE
BY DAYS OF THE WEEK

Seminar Rooms: All Buildings
Fall, 1962

Number of Rooms 6

Number of Student Stations 133

Number of Room-Periods Available Each Day*
Monday-Friday 48
Saturday 24

No. Student-Station-Periods Available Each Day*
Monday-Friday 1064
Saturday 532

| Day of the Week | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total Room-Periods Used | Avg. No. of Periods Rooms Used | Percentage of Possible* Utilization | Total Student-Station-Periods Occupied | Avg. No. of Periods Student-Stations Used | Percentage of Possible Utilization |
| Monday | 18.0 | 3.0 | 38% | 212.0 | 1.6 | 20% |
| Tuesday | 25.0 | 4.2 | 52 | 329.0 | 2.5 | 31 |
| Wednesday | 16.0 | 2.7 | 33 | 174.0 | 1.3 | 16 |
| Thursday | 20.5 | 3.4 | 43 | 264.5 | 2.0 | 25 |
| Friday | 11.0 | 1.8 | 23 | 127.0 | .9 | 12 |
| Saturday | 0.0 | --- | -- | 0.0 | --- | -- |
| TOTAL FOR 5½ DAYS | 90.5 | 15.1 | 34% | 1106.5 | 8.3 | 19% |

*Based on 44-hour week, eight hours each day Monday through Friday and four hours on Saturday.

TABLE 7

UTILIZATION OF INSTRUCTIONAL SPACE
BY DAYS OF THE WEEK

Teaching Laboratories: All Buildings
Fall, 1962

Number of Rooms 81

Number of Student Stations 1925

Number of Room-Periods Available Each Day*
Monday-Friday 648
Saturday 324

No. Student-Station-Periods Available Each Da
Monday-Friday 15400
Saturday 7700

| Day of the Week | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total Room-Periods Used | Avg. No. of Periods Rooms Used | Percentage of Possible* Utilization | Total Student-Station-Periods Occupied | Avg. No. of Periods Student-Stations Used | Percentag of Possib Utilizati |
| Monday | 289.0 | 3.6 | 45% | 5301.0 | 2.8 | 34% |
| Tuesday | 271.5 | 3.4 | 42 | 5238.0 | 2.7 | 34 |
| Wednesday | 291.0 | 3.6 | 45 | 5548.5 | 2.9 | 36 |
| Thursday | 271.0 | 3.3 | 42 | 5025.5 | 2.6 | 33 |
| Friday | 221.5 | 2.7 | 34 | 4483.5 | 2.3 | 29 |
| Saturday | 0.0 | --- | -- | 0.0 | --- | -- |
| TOTAL FOR 5½ DAYS | 1344.0 | 16.6 | 38% | 25596.5 | 13.3 | 30% |

*Based on 44-hour week, eight hours each day Monday through Friday and four hours on Saturday.

TABLE 8

UTILIZATION OF INSTRUCTIONAL SPACE
BY DAYS OF THE WEEK

Teaching Auditoriums: All Buildings
Fall, 1962

Number of Rooms 5

Number of Student Stations 834

Number of Room-Periods Available Each Day*
Monday-Friday 40
Saturday 20

No. Student-Station-Periods Available Each Day
Monday-Friday 6672
Saturday 3336

| Day of the Week | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total Room-Periods Used | Avg. No. of Periods Room Used | Percentage of Possible* Utilization | Total Student-Station-Periods Occupied | Avg. No. of Periods Student-Stations Used | Percentage of Possibl Utilizati |
| Monday | 37.0 | 7.4 | 93% | 4279.5 | 5.1 | 64% |
| Tuesday | 36.5 | 7.3 | 91 | 4145.5 | 5.0 | 62 |
| Wednesday | 37.0 | 7.4 | 93 | 4579.5 | 5.5 | 69 |
| Thursday | 35.0 | 7.0 | 88 | 3775.5 | 4.5 | 57 |
| Friday | 36.0 | 7.2 | 90 | 4604.0 | 5.5 | 69 |
| Saturday | 0.0 | --- | -- | 0.0 | --- | -- |
| TOTAL FOR $5\frac{1}{2}$ DAYS | 181.5 | 36.3 | 83% | 21384.0 | 25.6 | 58% |

*Based on 44-hour week, eight hours each day Monday through Friday and four hours on Saturday.

station-period use totals 40 per cent of all the student-station-periods available during a 44-hour week. The comparable percentages for the fall of 1961 were 50 per cent and 43 per cent respectively. The decrease in student-station-periods percentage is due to the change from optimum to actual student stations in 1962.

Utilization of Instructional Space: By Hours of the Day. Tables 9 through 13 indicate room-periods and student-station-periods used by hours of the day for general classrooms, seminar rooms, teaching laboratories, and teaching auditoriums in all permanent buildings.[1] It will be noted that percentages of room-periods and student-station-periods used are based on the number of room-periods and student-station-periods available each hour. Each morning period (any period beginning before 12 N) is considered available six days a week and each afternoon period (any period beginning 12 N or later) is considered available five days a week. Hence in Table 9 the percentage of possible utilization of room-periods for the hour beginning at 1:00 P.M. is greater than the percentage of possible utilization of room-periods for the hour beginning at 8:00 A.M. even though there are actually more room-periods used during the 8:00 A.M. hour than during the 1:00 P.M. hour.

It may be seen in Table 9 that when all types of facilities are considered together the instructional rooms show a greater percentage of possible room utilization during the six periods, in order: 2:00 P.M.; 10:00 A.M.; 9:00 A.M.; 3:00 P.M.; 1:00 P.M.: and 8:00 A.M. Student-station-periods for all types of facilities show a greater percentage of possible utilization during these same six periods but in a different order: 10:00 A.M.; 9:00 A.M. and 2:00 P.M. (tie); 8:00 A.M.; 1:00 P.M.; and 3:00 P.M. As would be expected, the hours after 5:00 P.M. are used substantially less. Of these, the hours beginning at 7:00 P.M. and 8:00 P.M. are used most.

A word needs to be said about the apparent low utilization of the 12 N-1 P.M. interval. With the implementation of the trimester calendar class periods no longer

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[1]These forms have also been completed for each individual building and are contained in Appendix I in a master copy of this report which may be seen in the Office of Institutional Research and Service.

TABLE 9

UTILIZATION OF INSTRUCTIONAL SPACE
BY HOURS OF THE DAY

All Instructional Space: All Buildings
Fall, 1962

Number of Rooms 220
Number of Student Stations 8469

| | Hours Before Noon* | Hours After Noon* |
|---|---|---|
| Number of Room-Periods Available Each Hour | 1320 | 1100 |
| Number of Student-Station-Periods Available Each Hour | 50814 | 42345 |

| Hour of the Day | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total No. Room-Periods Used | Avg. No. of Periods Rooms Used Per Wk. | Percentage of Possible Utilization | Total No. Stu.-Sta.-Periods Used | Avg. No. of Periods Stu. Stations Used Per Week | Percent of Poss Utiliz |
| 7 - 8AM | 0.0 | --- | -- | 0 | --- | -- |
| 8 - 9 | 624.0 | 2.8 | 47% | 19613.0 | 2.3 | 39 |
| 9 - 10 | 753.0 | 3.4 | 57 | 22945.0 | 2.7 | 41 |
| 10 - 11 | 764.0 | 3.5 | 58 | 23330.5 | 2.8 | 46 |
| 11 - 12N | 557.5 | 2.5 | 42 | 15845.0 | 1.9 | 31 |
| 12 - 1PM | 162.5 | 0.7 | 15 | 4792.5 | 0.6 | 11 |
| 1 - 2 | 541.0 | 2.5 | 49 | 15659.5 | 1.8 | 37 |
| 2 - 3 | 663.0 | 3.0 | 60 | 17532.0 | 2.1 | 41 |
| 3 - 4 | 573.5 | 2.6 | 52 | 14955.5 | 1.8 | 35 |
| 4 - 5 | 287.5 | 1.3 | 26 | 7147.0 | 0.8 | 17 |
| 5 - 6 | 46.5 | 0.2 | 4 | 981.0 | 0.1 | 2 |
| 6 - 7 | 13.0 | 0.1 | 1 | 219.5 | 0.0** | 1 |
| 7 - 8 | 117.0 | 0.5 | 11 | 3420.5 | 0.4 | 8 |
| 8 - 9 | 99.5 | 0.5 | 9 | 2675.0 | 0.3 | 6 |
| 9 - 10 | 39.0 | 0.2 | 4 | 875.5 | 0.1 | 2 |

*Any period beginning before 12 N is to be considered to be available six days a week
any period beginning 12 N or later is to be considered to be available five days a wee

**Less than 0.05.

TABLE 10

UTILIZATION OF INSTRUCTIONAL SPACE
BY HOURS OF THE DAY

General Classrooms: All Buildings
Fall, 1962

Number of Rooms 128
Number of Student Stations 5577

| | Hours Before Noon* | Hours After Noon* |
|---|---|---|
| Number of Room-Periods Available Each Hour | 768 | 640 |
| Number of Student-Station-Periods Available Each Hour | 33462 | 27885 |

| Hour of the Day | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total No. Room-Periods Used | Avg. No. of Periods Rooms Used Per Wk. | Percentage of Possible Utilization | Total No. Stu.-Sta.-Periods Used | Avg. No. of Periods Stu. Stations Used Per Week | Percen of Pos Utiliz |
| 7 - 8AM | 0.0 | --- | -- | 0.0 | --- | -- |
| 8 - 9 | 482.0 | 3.7 | 63% | 14858.0 | 2.7 | 44 |
| 9 - 10 | 550.5 | 4.3 | 72 | 16167.5 | 2.9 | 48 |
| 10 - 11 | 542.5 | 4.2 | 71 | 16020.5 | 2.9 | 48 |
| 11 - 12N | 398.0 | 3.1 | 52 | 11295.5 | 2.0 | 34 |
| 12 - 1PM | 124.0 | 1.0 | 19 | 3740.5 | 0.6 | 13 |
| 1 - 2 | 371.5 | 2.9 | 58 | 10214.0 | 1.8 | 37 |
| 2 - 3 | 442.5 | 3.5 | 69 | 11655.0 | 2.1 | 42 |
| 3 - 4 | 386.5 | 3.0 | 60 | 9507.5 | 1.7 | 34 |
| 4 - 5 | 141.0 | 1.1 | 22 | 3678.0 | 0.6 | 13 |
| 5 - 6 | 23.0 | 0.2 | 3 | 524.0 | 0.1 | 2 |
| 6 - 7 | 8.5 | 0.1 | 1 | 137.5 | 0.0** | 0* |
| 7 - 8 | 79.0 | 0.6 | 12 | 2244.5 | 0.4 | 8 |
| 8 - 9 | 59.5 | 0.5 | 9 | 1518.5 | 0.3 | 5 |
| 9 - 10 | 16.5 | 0.1 | 2 | 343.5 | 0.1 | 1 |

*Any period beginning before 12 N is to be considered to be available six days a week, an any period beginning 12 N or later is to be considered to be available five days a week.

**Less than 0.05.

***Less than 0.5.

TABLE 11

UTILIZATION OF INSTRUCTIONAL SPACE
BY HOURS OF THE DAY

Seminar Rooms: All Buildings
Fall, 1962

Number of Rooms 6
Number of Student Stations 133

| | Hours Before Noon* | Hours After Noon* |
|---|---|---|
| Number of Room-Periods Available Each Hour | 36 | 30 |
| Number of Student-Station-Periods Available Each Hour | 798 | 665 |

| Hour of the Day | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total No. Room-Periods Used | Avg. No. of Periods Rooms Used Per Wk. | Percentage of Possible Utilization | Total No. Stu.-Sta.-Periods Used | Avg. No. of Periods Stu. Stations Used Per Week | Percent of Poss Utilize |
| 7 - 8AM | 0.0 | --- | -- | 0.0 | --- | -- |
| 8 - 9 | 5.0 | 0.8 | 14% | 58.0 | 0.4 | 7% |
| 9 - 10 | 9.0 | 1.5 | 25 | 113.0 | 0.8 | 14 |
| 10 - 11 | 13.0 | 2.2 | 36 | 176.0 | 1.3 | 22 |
| 11 - 12N | 10.5 | 1.8 | 29 | 149.5 | 1.1 | 19 |
| 12 - 1PM | 5.0 | 0.9 | 17 | 49.0 | 0.4 | 7 |
| 1 - 2 | 8.0 | 1.3 | 27 | 55.0 | 0.4 | 8 |
| 2 - 3 | 10.0 | 1.7 | 33 | 93.0 | 0.7 | 14 |
| 3 - 4 | 8.0 | 1.3 | 27 | 74.0 | 0.6 | 11 |
| 4 - 5 | 8.0 | 1.3 | 27 | 115.0 | 0.9 | 17 |
| 5 - 6 | 2.0 | 0.3 | 7 | 17.0 | 0.1 | 3 |
| 6 - 7 | 2.0 | 0.3 | 7 | 34.5 | 0.3 | 5 |
| 7 - 8 | 4.0 | 0.7 | 13 | 69.0 | 0.5 | 10 |
| 8 - 9 | 4.0 | 0.7 | 13 | 69.0 | 0.5 | 10 |
| 9 - 10 | 2.0 | 0.3 | 7 | 34.5 | 0.3 | 5 |

*Any period beginning before 12 N is to be considered to be available six days a week, s
any period beginning 12 N or later is to be considered to be available five days a week

TABLE 12

UTILIZATION OF INSTRUCTIONAL SPACE
BY HOURS OF THE DAY

Teaching Laboratories: All Buildings
Fall, 1962

Number of Rooms 81
Number of Student Stations 1925

| | Hours Before Noon* | Hours After Noon* |
|---|---|---|
| Number of Room-Periods Available Each Hour | 486 | 405 |
| Number of Student-Station-Periods Available Each Hour | 11550 | 9625 |

| Hour of the Day | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total No. Room-Periods Used | Avg. No. of Periods Rooms Used Per Wk. | Percentage of Possible Utilization | Total No. Stu.-Sta.-Periods Used | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization |
| 7 - 8AM | 0.0 | --- | -- | 0.0 | --- | -- |
| 8 - 9 | 115.0 | 1.4 | 24% | 2592.0 | 1.4 | 22% |
| 9 - 10 | 172.5 | 2.1 | 35 | 3561.5 | 1.9 | 31 |
| 10 - 11 | 183.5 | 2.3 | 38 | 3800.0 | 2.0 | 33 |
| 11 - 12N | 130.0 | 1.6 | 27 | 2366.0 | 1.2 | 20 |
| 12 - 1PM | 29.5 | 0.4 | 7 | 495.0 | 0.3 | 5 |
| 1 - 2 | 137.5 | 1.7 | 33 | 2590.5 | 1.3 | 27 |
| 2 - 3 | 189.0 | 2.3 | 47 | 3358.0 | 1.7 | 35 |
| 3 - 4 | 161.0 | 2.0 | 40 | 2941.0 | 1.5 | 31 |
| 4 - 5 | 127.5 | 1.6 | 31 | 2120.0 | 1.1 | 22 |
| 5 - 6 | 18.5 | 0.2 | 5 | 211.0 | 0.1 | 2 |
| 6 - 7 | 2.5 | 0.0** | 0*** | 47.5 | 0.0** | 0*** |
| 7 - 8 | 29.0 | 0.4 | 7 | 590.0 | 0.3 | 6 |
| 8 - 9 | 30.0 | 0.4 | 7 | 589.5 | 0.3 | 6 |
| 9 - 10 | 18.5 | 0.2 | 5 | 374.5 | 0.2 | 4 |

*Any period beginning before 12 N is to be considered to be available six days a week, and any period beginning 12 N or later is to be considered to be available five days a week.

**Less than 0.05.

***Less than 0.5%.

TABLE 13

UTILIZATION OF INSTRUCTIONAL SPACE
BY HOURS OF THE DAY

Teaching Auditoriums: All Buildings
Fall, 1962

Number of Rooms 4
Number of Student Stations 834

| | Hours Before Noon* | Hours After Noon* |
|---|---|---|
| Number of Room-Periods Available Each Hour | 30 | 25 |
| Number of Student-Station-Periods Available Each Hour | 2004 | 4170 |

| Hour of the Day | Room Basis | | | Student Station Basis | | |
|---|---|---|---|---|---|---|
| | Total No. Room-Periods Used | Avg. No. of Periods Rooms Used Per Wk. | Percentage of Possible Utilization | Total No. Stu.-Sta.-Periods Used | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization |
| 7 - 8AM | 0.0 | --- | -- | 0.0 | --- | -- |
| 8 - 9 | 22.0 | 4.4 | 73% | 2105.0 | 2.5 | 42% |
| 9 - 10 | 21.0 | 4.2 | 70 | 3103.0 | 3.7 | 62 |
| 10 - 11 | 25.0 | 5.0 | 83 | 3334.0 | 4.0 | 67 |
| 11 - 12N | 19.0 | 3.8 | 63 | 2034.0 | 2.4 | 41 |
| 12 - 1PM | 4.0 | 0.8 | 16 | 508.0 | 0.6 | 12 |
| 1 - 2 | 24.0 | 4.8 | 96 | 2800.0 | 3.4 | 67 |
| 2 - 3 | 21.5 | 4.3 | 86 | 2426.0 | 2.9 | 58 |
| 3 - 4 | 18.0 | 3.6 | 72 | 2433.0 | 2.9 | 58 |
| 4 - 5 | 11.0 | 2.2 | 44 | 1234.0 | 1.5 | 30 |
| 5 - 6 | 3.0 | 0.6 | 12 | 229.0 | .3 | 5 |
| 6 - 7 | 0.0 | --- | -- | 0.0 | --- | -- |
| 7 - 8 | 5.0 | 1.0 | 20 | 557.0 | .7 | 13 |
| 8 - 9 | 6.0 | 1.2 | 24 | 498.0 | .6 | 12 |
| 9 - 10 | 2.0 | 0.4 | 8 | 123.0 | .1 | 3 |

*Any period beginning before 12 N is to be considered to be available six days a week, and any period beginning 12 N or later is to be considered to be available five days a week.

necessarily begin on the hour as formerly was the usual case under the semester system. Now, for example, Monday-Wednesday-Friday classes begin at 8:00 A.M., 9:10 A.M., 10:20 A.M., 11:30 A.M., 12:40 P.M., 1:50 P.M., 3:00 P.M. and so on. While Tuesday-Thursday classes begin at 8:00 A.M., 9:40 A.M., 11:20 A.M., 1:00 P.M., 2:40 P.M. and so on. In this study room-utilization and student-station-utilization periods were tabulated to the closest clock hour. Classes beginning at 11:30 A.M. were arbitrarily assigned to the 11:00 A.M. hour. Thus the 12 M-hour appears to be little used because tabulated here for that hour are only the "extension" portions (i.e., the differences between the 85-minute periods on Tuesday-Thursday and the 55-minute periods on Monday-Wednesday-Friday) of Tuesday-Thursday classes which begin at 11:20 A.M. and continue until 12:45 P.M. Actually, of course, the 12 M-hour is well used because of Monday-Wednesday-Friday classes which begin at 11:30 A.M. and continue well beyond the noon hour. Because of a mechanical difficulty in the study technique there is no way to show this fact.

Utilization of Instructional Space: By Buildings. Tables 14 through 18 indicate facts concerning the usage of instructional space in each of the permanent buildings. When all types of instructional space are considered together the average number of periods in the instructional rooms in a particular building are used per week varies from 33.7 to 12.6, the percentage of possible utilization of rooms varying from 77 per cent (History) to 29 per cent (Dining Hall). For all types of instructional space together student-stations in a particular building are used an average number of periods varying from 25.5 to 5.3. The percentage of possible utilization of student-stations varies from 58 per cent (History and Geology) to 12 per cent (Dining Hall). The percentage of use of student-stations when the rooms are assigned varies for individual buildings from 89 per cent (Maintenance Building Annex-ROTC) to 42 per cent (Music).

Tables 15 through 18 show similar facts concerning utilization of rooms and student stations for each building for each type of instructional room.

TABLE 14

SUMMARY OF UTILIZATION DATA
BY BUILDINGS

All Instructional Space
Fall, 1962

| Buildings | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| "A" | 12 | 28.8 | 65% | 555 | 16.4 | 37% | 53% |
| Art Educ. Lab Wing | 3 | 18.3 | 42 | 55 | 14.5 | 33 | 74 |
| Business | 30 | 22.7 | 52 | 1367 | 13.5 | 31 | 57 |
| Conradi | 15 | 21.4 | 49 | 433 | 20.8 | 47 | 85 |
| Dining Hall | 5 | 12.6 | 29 | 149 | 5.3 | 12 | 45 |
| Dodd | 3 | 23.0 | 52 | 105 | 18.4 | 42 | 80 |
| Education | 28 | 25.5 | 58 | 871 | 18.7 | 43 | 72 |
| Geology | 8 | 13.6 | 31 | 357 | 25.3 | 58 | 77 |
| History | 27 | 33.7 | 77 | 1146 | 25.5 | 58 | 74 |
| Home Economics | 17 | 19.1 | 44 | 487 | 15.3 | 35 | 67 |
| Library | 5 | 18.5 | 42 | 204 | 14.3 | 32 | 70 |
| Main. Bldg. Annex-ROTC | 6 | 15.2 | 34 | 192 | 14.1 | 32 | 89 |
| Math-Meteorology | 17 | 19.1 | 43 | 654 | 18.7 | 42 | 61 |
| Montgomery Gym | 3 | 19.0 | 43 | 118 | 9.1 | 21 | 47 |
| Music | 7 | 20.1 | 46 | 288 | 10.0 | 23 | 42 |
| Psychology | 2 | 33.2 | 75 | 342 | 18.3 | 42 | 55 |
| Science | 14 | 24.8 | 56 | 706 | 17.7 | 40 | 60 |
| Tully Gym. | 7 | 23.9 | 54 | 225 | 16.9 | 38 | 68 |
| Westcott | 8 | 19.6 | 45 | 208 | 16.8 | 38 | 86 |
| ALL BUILDINGS | 220 | 23.8 | 54% | 8469 | 17.7 | 40% | 66% |

*Based on a 44-hour week.

TABLE 15

SUMMARY OF UTILIZATION DATA
BY BUILDINGS

General Classrooms
Fall, 1962

| Buildings | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| "A" | 9 | 34.6 | 79% | 474 | 17.9 | 41% | 52% |
| Art Educ. Lab Wing | 0 | ---- | -- | 0 | ---- | -- | -- |
| Business | 23 | 26.4 | 60 | 1125 | 15.2 | 34 | 57 |
| Conradi | 1 | 24.5 | 56 | 41 | 15.4 | 35 | 63 |
| Dining Hall | 2 | 14.3 | 32 | 90 | 4.6 | 10 | 32 |
| Dodd | 3 | 23.0 | 52 | 105 | 18.4 | 42 | 80 |
| Education | 19 | 26.0 | 59 | 600 | 18.2 | 41 | 69 |
| Geology | 0 | ---- | -- | 0 | ---- | -- | -- |
| History | 25 | 35.0 | 80 | 1388 | 26.0 | 59 | 74 |
| Home Economics | 3 | 36.7 | 83 | 140 | 19.6 | 44 | 53 |
| Library | 3 | 23.8 | 54 | 150 | 15.5 | 35 | 65 |
| Main. Bldg. Annex-ROTC | 6 | 15.3 | 35 | 192 | 14.1 | 32 | 89 |
| Math-Meteorology | 11 | 31.5 | 72 | 405 | 21.3 | 48 | 57 |
| Montgomery Gym. | 3 | 19.0 | 43 | 118 | 9.1 | 21 | 47 |
| Music | 5 | 23.6 | 54 | 238 | 11.3 | 26 | 46 |
| Psychology | 5 | 33.2 | 75 | 349 | 18.3 | 42 | 55 |
| Science | 3 | 28.5 | 65 | 124 | 16.3 | 37 | 58 |
| Tully Gym. | 6 | 24.8 | 56 | 210 | 16.9 | 38 | 67 |
| Westcott | 1 | 21.0 | 48 | 48 | 13.6 | 31 | 65 |
| ALL BUILDINGS | 128 | 28.3 | 64% | 5577 | 18.2 | 42% | 62% |

*Based on a 44-hour week.

TABLE 16

SUMMARY OF UTILIZATION DATA
BY BUILDINGS

Seminar Rooms
Fall, 1962

| Buildings | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| "A" | 0 | ---- | -- | 0 | ---- | -- | -- |
| Art Educ. Lab Wing | 0 | ---- | -- | 0 | ---- | -- | -- |
| Business | 0 | ---- | -- | 0 | ---- | -- | -- |
| Conrad | 0 | ---- | -- | 0 | ---- | -- | -- |
| Dining Hall | 0 | ---- | -- | 0 | ---- | -- | -- |
| Dodd | 0 | ---- | -- | 0 | ---- | -- | -- |
| Education | 3 | 18.8 | 43% | 54 | 13.3 | 30% | 71% |
| Geology | 1 | 3.0 | 7 | 34 | .8 | 2 | 2% |
| History | 0 | ---- | -- | 0 | ---- | -- | -- |
| Home Economics | 0 | ---- | -- | 0 | ---- | -- | -- |
| Library | 0 | ---- | -- | 0 | ---- | -- | -- |
| Main. Bldg.-Annex-ROTC | 0 | ---- | -- | 0 | ---- | -- | -- |
| Math-Meteorology | 0 | ---- | -- | 0 | ---- | -- | -- |
| Montgomery Gym. | 0 | ---- | -- | 0 | ---- | -- | -- |
| Music | 1 | 13.0 | 30 | 30 | 3.8 | 9 | 14 |
| Psychology | 0 | ---- | -- | 0 | ---- | -- | -- |
| Science | 0 | ---- | -- | 0 | ---- | -- | -- |
| Tully Gym. | 1 | 18.0 | 41 | 12 | 16.4 | 37 | 9 |
| Westcott | 0 | ---- | -- | 0 | ---- | -- | -- |
| ALL BUILDINGS | 6 | 15.1 | 34% | 133 | 8.3 | 19% | 52% |

*Based on a 44-hour week.

TABLE 17

SUMMARY OF UTILIZATION DATA
BY BUILDINGS

Teaching Laboratories
Fall, 1962

| Buildings | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| "A" | 3 | 11.3 | 26% | 81 | 7.6 | 17% | 65% |
| Art Educ. Lab Wing | 3 | 18.3 | 42 | 55 | 14.5 | 33 | 74 |
| Business | 7 | 10.4 | 24 | 242 | 5.8 | 13 | 54 |
| Conradi | 13 | 20.6 | 47 | 242 | 19.7 | 45 | 90 |
| Dining Hall | 3 | 11.5 | 26 | 59 | 6.3 | 14 | 79 |
| Dodd | 0 | ---- | -- | 0 | ---- | -- | -- |
| Education | 6 | 27.2 | 62 | 137 | 23.3 | 53 | 84 |
| Geology | 6 | 9.7 | 22 | 104 | 7.2 | 16 | 70 |
| History | 2 | 18.0 | 41 | 58 | 15.9 | 36 | 77 |
| Home Economics | 14 | 15.3 | 35 | 347 | 13.6 | 31 | 80 |
| Library | 2 | 10.5 | 23 | 54 | 10.9 | 25 | 99 |
| Main. Bldg. Annex-ROTC | 0 | ---- | -- | 0 | ---- | -- | -- |
| Math-Meteorology | 5 | 10.0 | 23 | 144 | 5.7 | 13 | 55 |
| Montgomery Gym. | 0 | ---- | -- | 0 | ---- | -- | -- |
| Music | 1 | 10.0 | 23 | 20 | 3.3 | 7 | 33 |
| Psychology | 0 | ---- | -- | 0 | ---- | -- | -- |
| Science | 9 | 21.2 | 48 | 222 | 16.9 | 38 | 75 |
| Tully Gym. | 0 | ---- | -- | 0 | ---- | -- | -- |
| Westcott | 7 | 19.4 | 44 | 160 | 17.7 | 40 | 94 |
| ALL BUILDINGS | 81 | 16.6 | 38% | 1925 | 13.3 | 30% | 78% |

*Based on a 44-hour week.

TABLE 18

SUMMARY OF UTILIZATION DATA
BY BUILDINGS

Teaching Auditoriums
Fall, 1962

| Buildings | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| "A" | 0 | ---- | -- | 0 | ---- | -- | -- |
| Art Educ. Lab Wing | 0 | ---- | -- | 0 | ---- | -- | -- |
| Business | 0 | ---- | -- | 0 | ---- | -- | -- |
| Conradi | 1 | 29.0 | 66% | 150 | 24.1 | 55% | 83% |
| Dining Hall | 0 | ---- | -- | 0 | ---- | -- | -- |
| Dodd | 0 | ---- | -- | 0 | ---- | -- | -- |
| Education | 0 | ---- | -- | 0 | ---- | -- | -- |
| Geology | 1 | 48.0 | 109 | 219 | 37.7 | 85 | 79 |
| History | 0 | ---- | -- | 0 | ---- | -- | -- |
| Home Economics | 0 | ---- | -- | 0 | ---- | -- | -- |
| Library | 0 | ---- | -- | 0 | ---- | -- | -- |
| Main. Bldg. Annex-ROTC | 0 | ---- | -- | 0 | ---- | -- | -- |
| Math-Meteorology | 1 | 34.0 | 77 | 165 | 26.5 | 60 | 78 |
| Montgomery Gym. | 0 | ---- | -- | 0 | ---- | -- | -- |
| Music | 0 | ---- | -- | 0 | ---- | -- | -- |
| Psychology | 0 | ---- | -- | 0 | ---- | -- | -- |
| Science | 2 | 35.3 | 80 | 360 | 18.7 | 42 | 55 |
| Tully Gym. | 0 | ---- | -- | 0 | ---- | -- | -- |
| Westcott | 0 | ---- | -- | 0 | ---- | -- | -- |
| ALL BUILDINGS | 5 | 36.3 | 83% | 834 | 25.6 | 58% | 70% |

*Based on a 44-hour week.

Utilization of Instructional Space: By Size of Room. A view of Table 19 would seem to indicate that the larger rooms (with 31-250 student-stations) were used more often than were the smaller rooms. Rooms which have stations of 151-200 students were used 90 per cent of the available periods whereas rooms which have stations for 1-10 students were used only 24 per cent of the available periods. This is due in part to the fact that many of the smaller rooms are teaching laboratories or seminar rooms which show a lower utilization of space whereas the larger rooms are either general classrooms or teaching auditoriums for which the utilization of space is higher. It will be noted that the percentage of utilization of student-stations when rooms are assigned is relatively high--66 per cent for all instructional space. Similar data for each type of instructional room are given in Tables 20 through 23.

Class Size in Relation to Room Capacity. Tables 24 through 28 show, for each type of instructional room and for all types combined, the relationship of class size to room size expressed in terms of the number of student stations. Entries above the heavy line indicate the number of class-period meetings in which enrollments are approximately equal to or larger than the number of student-stations in the rooms in which they are held. Entries in each column show the distribution, by size of rooms, of classes of the size indicated by the column heading. Entries in each row show the distribution, by size of classes, of classes meeting in the rooms of the capacity indicated in the row heading.

As might be expected, more classes are of less-than-room-capacity size than of more-than-room-capacity size. It will be noted, however, that in general, the sizes of the classes are fairly well suited to the sizes of the rooms. The distribution is reasonably equitable.

TABLE 19

SUMMARY OF UTILIZATION DATA
BY SIZE OF ROOMS

All Instructional Space
Fall, 1962

| No. of Student Sta. in Rooms | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg.No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg.No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use Whe Rooms Ass |
| 1-10 | 8 | 10.8 | 24% | 64 | 13.1 | 30% | 125% |
| 11-20 | 32 | 17.2 | 39 | 543 | 15.9 | 36 | 92 |
| 21-30 | 48 | 20.4 | 46 | 1284 | 16.9 | 39 | 81 |
| 31-40 | 52 | 25.7 | 58 | 1882 | 17.9 | 41 | 66 |
| 41-50 | 54 | 27.2 | 62 | 2447 | 17.3 | 39 | 63 |
| 51-60 | 9 | 32.2 | 73 | 504 | 16.6 | 42 | 57 |
| 61-80 | 9 | 29.1 | 66 | 642 | 13.7 | 31 | 48 |
| 81-100 | 3 | 30.3 | 69 | 269 | 11.5 | 26 | 38 |
| 101-150 | 3 | 34.0 | 77 | 387 | 22.4 | 51 | 67 |
| 151-250 | 2 | 39.8 | 90 | 447 | 28.4 | 65 | 72 |
| 251- Over | 0 | ---- | -- | 0 | ---- | -- | --- |
| TOTAL | 220 | 23.8 | 54% | 8469 | 17.7 | 40% | 66% |

*Based on a 44-hour week.

TABLE 20

SUMMARY OF UTILIZATION DATA
BY SIZE OF ROOMS

General Classrooms
Fall, 1962

| No. of Student Sta. in Room | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg.No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg.No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use Whe Rooms Ass |
| 1-10 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 11-20 | 1 | 21.5 | 49% | 16 | 15.6 | 35% | 73% |
| 21-30 | 16 | 23.7 | 54 | 461 | 21.1 | 48 | 89 |
| 31-40 | 43 | 27.7 | 63 | 1559 | 19.3 | 44 | 66 |
| 41-50 | 48 | 29.3 | 67 | 2178 | 18.8 | 43 | 64 |
| 51-60 | 8 | 34.4 | 78 | 452 | 20.1 | 46 | 58 |
| 61-80 | 9 | 29.1 | 66 | 642 | 13.7 | 31 | 48 |
| 81-100 | 3 | 30.3 | 69 | 269 | 11.5 | 26 | 38 |
| 101-150 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 151-250 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 251- Over | 0 | ---- | -- | 0 | ---- | -- | -- |
| TOTAL | 128 | 28.3 | 64% | 5577 | 18.2 | 42% | 62% |

*Based on a 44-hour week.

TABLE 21

SUMMARY OF UTILIZATION DATA
BY SIZE OF ROOMS

Seminar Rooms
Fall, 1962

| No. of Student Sta. in Room | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| 1-10 | 0 | --- | -- | 0 | --- | -- | -- |
| 11-20 | 3 | 21.8 | 50% | 47 | 17.6 | 40% | 81% |
| 21-30 | 2 | 11.0 | 25 | 52 | 4.8 | 11 | 26 |
| 31-40 | 1 | 3.0 | 7 | 34 | .8 | 2 | 26 |
| 41-50 | 0 | --- | --- | 0 | --- | -- | -- |
| 51-60 | 0 | --- | --- | 0 | --- | -- | -- |
| 61-80 | 0 | --- | --- | 0 | --- | -- | -- |
| 81-100 | 0 | --- | --- | 0 | --- | -- | -- |
| 101-150 | 0 | --- | --- | 0 | --- | -- | -- |
| 151-250 | 0 | --- | --- | 0 | --- | -- | -- |
| 251- Over | 0 | --- | --- | 0 | --- | -- | -- |
| TOTAL | 6 | 15.1 | 34% | 133 | 8.3 | 19% | 52% |

*Based on a 44-hour week.

TABLE 22

SUMMARY OF UTILIZATION DATA
BY SIZE OF ROOMS

Teaching Laboratories
Fall, 1962

| No. of Student Sta. in Room | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg.No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| 1-10 | 8 | 10.8 | 24% | 64 | 13.1 | 30% | 124% |
| 11-20 | 28 | 16.5 | 38 | 480 | 15.8 | 36 | 95 |
| 21-30 | 30 | 19.3 | 44 | 771 | 15.3 | 35 | 79 |
| 31-40 | 8 | 17.9 | 41 | 289 | 12.2 | 28 | 71 |
| 41-50 | 6 | 10.0 | 23 | 269 | 5.9 | 14 | 48 |
| 51-60 | 1 | 15.0 | 34 | 52 | 5.9 | 14 | 40 |
| 61-80 | 0 | ---- | -- | 0 | ---- | -- | --- |
| 81-100 | 0 | ---- | --- | 0 | ---- | -- | --- |
| 101-150 | 0 | ---- | -- | 0 | ---- | -- | --- |
| 151-250 | 0 | ---- | -- | 0 | ---- | -- | --- |
| 251-Over | 0 | ---- | -- | 0 | ---- | -- | --- |
| TOTAL | 81 | 16.6 | 38% | 1925 | 13.3 | 30% | 78% |

*Based on a 44-hour week.

TABLE 23

SUMMARY OF UTILIZATION DATA
BY SIZE OF ROOMS

Teaching Auditoriums
Fall, 1962

| No. of Student Sta. in Room | Room Basis | | | Student Station Basis | | | |
|---|---|---|---|---|---|---|---|
| | No. of Rooms | Avg. No. of Periods Rooms Used Per Week | Percentage of Possible Utilization* | No. of Student Stations | Avg. No. of Periods Stu. Stations Used Per Week | Percentage of Possible Utilization* | Percentage of Use When Rooms Assigned |
| 1-10 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 11-20 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 21-30 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 31-40 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 41-50 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 51-60 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 61-80 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 81-100 | 0 | ---- | -- | 0 | ---- | -- | -- |
| 101-150 | 3 | 34.0 | 77% | 387 | 22.4 | 51% | 67% |
| 151-250 | 2 | 39.8 | 90 | 447 | 28.4 | 65 | 72 |
| 251- Over | 0 | ---- | ---- | 0 | ---- | -- | -- |
| TOTAL | 5 | 36.3 | 83% | 834 | 25.6 | 58% | 70% |

*Based on a 44-hour week.

TABLE 24

CLASS SIZE IN RELATION TO ROOM CAPACITY
All Instructional Space
Fall, 1960

| Room Capacity | Number of Class-Period Meetings Per Week For Classes of Each Group | | | | | | | | | | | | Total | Percentage | Cumulative Percentage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 to 10 | 11 to 20 | 21 to 30 | 31 to 40 | 41 to 50 | 51 to 60 | 61 to 80 | 81 to 100 | 101 to 150 | 151 to 200 | 201 to 250 | 251 and Over | | | |
| 1 to 10 | 62 | 16 | 8 | | | | | | | | | | 86 | 1.6 | 1.6 |
| 11 to 20 | 178 | 248 | 118 | 5 | | | | | | | | | 549 | 10.5 | 12.1 |
| 21 to 30 | 126½ | 287 | 411 | 86 | 62 | 6 | | | | | | | 978½ | 18.7 | 30.8 |
| 31 to 40 | 171 | 327½ | 426 | 328 | 84 | 18 | 2 | | | | | | 1356½ | 25.5 | 56.3 |
| 41 to 50 | 150½ | 297 | 372 | 405 | 216 | 9 | 9 | | | | | | 1466½ | 28.0 | 84.3 |
| 51 to 60 | 25 | 47 | 70 | 71 | 32 | 29 | 16 | | | | | | 290 | 5.5 | 89.8 |
| 61 to 80 | 6 | 33 | 83 | 35 | 20 | 20 | 20 | 3 | | | | | 260 | 5.0 | 94.8 |
| 81 to 100 | 15 | 3 | 22 | 24 | 6 | 15 | 6 | | | | | | 91 | 1.7 | 96.5 |
| 101 to 150 | 3 | 2 | 10 | 6 | 8 | 4 | 17 | 11 | 33 | 8 | | | 102 | 2.0 | 98.5 |
| 151 to 200 | | | | | | | | | | | | | | | |
| 201 to 250 | 2 | 1 | 5 | 1 | | 2 | 3 | 5 | 10½ | 30 | 20 | | 77½ | 1.5 | 100.0 |
| 251 & Over | | | | | | | | | | | | | | | |
| TOTAL | 741 | 1260½ | 1527 | 961 | 466 | 203 | 73 | 19 | 43½ | 38 | 20 | | 5241 | 100.0 | |
| Percentage | 14.3 | 24.4 | 29.8 | 18.7 | 9.0 | 3.9 | 1.4 | .4 | .8 | .7 | .4 | | 100.0 | | |
| Cumulative Percentage | 14.3 | 38.7 | 67.8 | 86.5 | 94.3 | 96.3 | 97.7 | 98.1 | 98.9 | 99.6 | 100.0 | | | | |

TABLE 25

CLASS SIZE IN RELATION TO ROOM CAPACITY
General Classrooms
Fall, 1962

| Room Capacity | Number of Class-Period Meetings Per Week For Classes of Each Group | | | | | | | | | | | | Total | Percentage | Cumulative Percentage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 to 10 | 11 to 20 | 21 to 30 | 31 to 40 | 41 to 50 | 51 to 60 | 61 to 80 | 81 to 100 | 101 to 150 | 151 to 200 | 201 to 250 | 251 and Over | | | |
| 1 to 10 | | | | | | | | | | | | | | | |
| 11 to 20 | 17½ | | 4 | | | | | | | | | | 21½ | .6 | .6 |
| 21 to 30 | 48 | 82 | 150 | 44 | 49 | 6 | | | | | | | 379 | 10.5 | 11.1 |
| 31 to 40 | 138 | 307 | 390 | 275 | 60 | 18 | 2 | | | | | | 1190 | 32.8 | 43.9 |
| 41 to 50 | 146½ | 279 | 357 | 398 | 212 | 9 | 5 | | | | | | 1406½ | 38.8 | 82.7 |
| 51 to 60 | 25 | 37 | 65 | 71 | 32 | 29 | 16 | | | | | | 275 | 7.6 | 90.3 |
| 61 to 80 | 6 | 53 | 85 | 55 | 20 | 20 | 20 | 3 | | | | | 262 | 7.2 | 97.5 |
| 81 to 100 | 15 | 3 | 22 | 24 | 6 | 15 | 6 | | | | | | 91 | 2.5 | 100.0 |
| 101 to 150 | | | | | | | | | | | | | | | |
| 151 to 200 | | | | | | | | | | | | | | | |
| 201 to 250 | | | | | | | | | | | | | | | |
| 251 & Over | | | | | | | | | | | | | | | |
| TOTAL | 396 | 764 | 1073 | 867 | 379 | 97 | 49 | 3 | | | | | 3625 | 100.0 | |
| Percentage | 10.9 | 21.0 | 29.6 | 23.9 | 10.4 | 2.7 | 1.4 | .1 | | | | | 100.0 | | |
| Cumulative Percentage | 10.9 | 31.9 | 61.5 | 85.4 | 95.8 | 98.5 | 99.9 | 100.0 | | | | | | | |

TABLE 26

CLASS SIZE IN RELATION TO ROOM CAPACITY
Seminar Rooms
Fall, 1962

| Room Capacity | Number of Class-Period Meetings Per Week For Classes of Each Group | | | | | | | | | | | | Total | Percentage | Cumulative Percentage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 to 10 | 11 to 20 | 21 to 30 | 31 to 40 | 41 to 50 | 51 to 60 | 61 to 80 | 81 to 100 | 101 to 150 | 151 to 200 | 201 to 250 | 251 and Over | | | |
| 1 to 10 | | | | | | | | | | | | | | | |
| 11 to 20 | 30½ | 20 | 11 | 2 | | | | | | | | | 63½ | 72.4 | 72.4 |
| 21 to 30 | 11 | 11 | | | | | | | | | | | 22 | 24.3 | 96.7 |
| 31 to 40 | 3 | | | | | | | | | | | | 3 | 3.3 | 100.0 |
| 41 to 50 | | | | | | | | | | | | | | | |
| 51 to 60 | | | | | | | | | | | | | | | |
| 61 to 80 | | | | | | | | | | | | | | | |
| 81 to 100 | | | | | | | | | | | | | | | |
| 101 to 150 | | | | | | | | | | | | | | | |
| 151 to 200 | | | | | | | | | | | | | | | |
| 201 to 250 | | | | | | | | | | | | | | | |
| 251 & Over | | | | | | | | | | | | | | | |
| TOTAL | 44½ | 31 | 11 | 2 | | | | | | | | | 90½ | 100.0 | |
| Percentage | 51.4 | 34.3 | 12.1 | 2.2 | | | | | | | | | 100.0 | | |
| Cumulative Percentage | 51.4 | 85.7 | 97.8 | 100.0 | | | | | | | | | | | |

TABLE 27

CLASS SIZE IN RELATION TO ROOM CAPACITY
Teaching Laboratories
Fall, 1960

| Room Capacity | Number of Class-Period Meetings Per Week For Classes of Each Group | | | | | | | | | | | | Total | Percentage | Cumulative Percentage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 to 10 | 11 to 20 | 21 to 30 | 31 to 40 | 41 to 50 | 51 to 60 | 61 to 80 | 81 to 100 | 101 to 150 | 151 to 200 | 201 to 250 | 251 and Over | | | |
| 1 to 10 | 62 | 16 | 8 | | | | | | | | | | 86 | 6.4 | 6.4 |
| 11 to 20 | 128 | 298 | 103 | 3 | | | | | | | | | 462 | 34 | 40.8 |
| 21 to 30 | 67½ | 194 | 261 | 42 | 13 | | | | | | | | 577½ | 43.0 | 83.8 |
| 31 to 40 | 30 | 20½ | 36 | 53 | 4 | | | | | | | | 143½ | 10.7 | 94.5 |
| 41 to 50 | 12 | 18 | 15 | 7 | 4 | | 4 | | | | | | 60 | 4.4 | 98.9 |
| 51 to 60 | | 10 | 5 | | | | | | | | | | 15 | 1.1 | 100.0 |
| 61 to 80 | | | | | | | | | | | | | | | |
| 81 to 100 | | | | | | | | | | | | | | | |
| 101 to 150 | | | | | | | | | | | | | | | |
| 151 to 200 | | | | | | | | | | | | | | | |
| 201 to 250 | | | | | | | | | | | | | | | |
| 251 & Over | | | | | | | | | | | | | | | |
| TOTAL | 299½ | 556½ | 428 | 105 | 21 | | 4 | | | | | | 1344 | 100.0 | |
| Percentage | 22.3 | 36.2 | 31.8 | 7.8 | 1.6 | | .3 | | | | | | 100.0 | | |
| Cumulative Percentage | 22.3 | 58.5 | 90.3 | 98.1 | 99.7 | | 100.0 | | | | | | | | |

TABLE 28

CLASS SIZE IN RELATION TO ROOM CAPACITY
Teaching Auditoriums
Fall, 1962

| Room Capacity | Number of Class-Period Meetings Per Week For Classes of Each Group | | | | | | | | | | | | Total | Percentage | Cumulative Percentage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 to 10 | 11 to 20 | 21 to 30 | 31 to 40 | 41 to 50 | 51 to 60 | 61 to 80 | 81 to 100 | 101 to 150 | 151 to 200 | 201 to 250 | 251 and Over | | | |
| 1 to 10 | | | | | | | | | | | | | | | |
| 11 to 20 | | | | | | | | | | | | | | | |
| 21 to 30 | | | | | | | | | | | | | | | |
| 31 to 40 | | | | | | | | | | | | | | | |
| 41 to 50 | | | | | | | | | | | | | | | |
| 51 to 60 | | | | | | | | | | | | | | | |
| 61 to 80 | | | | | | | | | | | | | | | |
| 81 to 100 | | | | | | | | | | | | | | | |
| 101 to 150 | 3 | 2 | 10 | 6 | 8 | 4 | 17 | 11 | 33 | 8 | | | 102 | 56.2 | 56.2 |
| 151 to 200 | | | | | | | | | | | | | | | |
| 201 to 250 | | | | | | | | | | | | | | | |
| 251 & Over | 2 | 1 | 5 | 1 | | 2 | 3 | 5 | 10½ | 30 | 20 | | 79½ | 43.8 | 100.0 |
| TOTAL | 5 | 3 | 15 | 7 | 8 | 6 | 20 | 16 | 43½ | 38 | 20 | | 181½ | 100.0 | |
| Percentage | 2.8 | 1.6 | 8.3 | 3.9 | 4.4 | 3.3 | 11.0 | 8.8 | 24.0 | 20.9 | 11.0 | | 100.0 | | |
| Cumulative Percentage | 2.8 | 4.4 | 12.7 | 16.6 | 21.0 | 24.3 | 35.3 | 44.1 | 68.1 | 89.0 | 100.0 | | | | |

Use of Other or Special Types of Instructional Space. Certain other or special types of space (e.g., bowling alley, swimming pool) which do not fall into the usual classifications of instructional space are used for instructional purposes. Data concerning these miscellaneous facilities are briefly summarized in Appendix C.

Former Instructional Space Now Assigned to Other Uses. A number of rooms formerly used for instructional purposes have now been assigned to other uses (e.g., offices, conference rooms, or research laboratories). A summary of these former instructional rooms and the current use to which they have been assigned constitutes Appendix F.

Space Formerly Used for Other Purposes Now Assigned as Classroom Space. In some instances space formerly used for offices, conference rooms, storage rooms, and the like have been refurbished and are currently assigned as classroom space. Data concerning these "new" classrooms are summarized in Appendix G.

Enrollment for Courses in Which No Regularly Scheduled Class Meetings Are Held. Appendix E lists the enrollment for courses in which no regularly scheduled class meetings are held. This form completes the accounting for instruction given during the fall of 1962.

## INTERPRETATION

Because of inherent difficulties[1] in making space utilization studies of this type the data presented here must be regarded as approximations. It is believed, however, that in every instance the approximations here set forth are very close to the true situation.

Until a few years ago dependable normative data concerning room-period use and student-station-period use of instructional space were not available. In their Manual for Studies of Space Utilization in Colleges and Universities, written in

[1]A number of these difficulties are listed in Appendix H.

1957, John Dale Russell and James I. Doi presented preliminary and tentative normative data based on reports from 101 institutions. More recently--in 1960--James I. Doi and Keith L. Scott have produced a publication entitled Normative Data on the Utilization of Instructional Space in Colleges and Universities. These data are based on reports from 217 institutions. According to Doi and Scott, "The major conclusion to be drawn from the comparisons of the median scores reported in this study with those in the Manual is that norms contained in the Manual, even though based upon a much smaller number of institutions, have a high degree of stability."[1] The normative data now available, therefore, seem to be valid.

Within the company of the 101 institutions in the Russell and Doi study and the 217 institutions in the Doi and Scott study, the Florida State University in the fall of 1962 showed efficient space utilization even though as Doi and Scott point out ". . . many institutions have yet to make really efficient use of their instructional facilities."[2] For example, in room-period utilization of general classrooms FSU stood at about the 90th (Russell and Doi) or 93rd (Doi and Scott) percentile. In student-station-period utilization among general classrooms FSU stood at about the 89th (Doi and Scott) to 92nd (Russell and Doi) percentile.

Now that it has been determined that the Russell-Doi normative data have more validity than was at first believed, we can make a short historical study of the use of instructional space in the Florida State University with reasonable confidence as to its accuracy and meaning.

A review of this series of studies on space utilization, including the study here reported, reveals that the Florida State University is making increasingly effective use of its instructional space. Particularly good use is being made of

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[1] Doi, James I. and Scott, Keith L. Normative Data on the Utilization of Instructional Space in Colleges and Universities. (Publication office not indicated.) American Association of Collegiate Registrars and Admissions Officers, 1960. pp. 13-14

[2] Ibid., p. 14.

student-station-periods in general classrooms. To illustrate, in the fall of 1958 FSU's student-station-period utilization in general classrooms stood at the 79th percentile on the Russell-Doi norms (the only norms available at that time and nov shown to be quite valid). In the fall of 1959 the comparable figure was the 86th percentile in the fall of 1960 it rose to the 93rd percentile. In the fall of 1961 the comparabl figure stood at the 94th percentile; in the fall of 1962 it still stood in the high position of the 92nd percentile of usage.

## SUMMARY AND CONCLUSIONS

Reported here is the tenth in a series of studies of utilization of permanent instructional space in the Florida State University. In making this 1962 study essentially the same methods were employed as were used in making the related studies in 1957, 1958, 1959, 1960, and 1961 and, with certain modifications suggested by the Office of the Board of Control, in making the related studies of 1955 and 1956. The patterns of instructional space utilization for the past eight years, while varying in detail, have been generally the same. As a result of this study the following conclusions seem to be in order:

1. The total number of instructional rooms in permanent buildings in the fall of 1962 is 220, the same as for the fall of 1961. Two instructional rooms in temporary buildings are still being used.

2. Ninety-four (94.0) per cent of the total room-periods used are scheduled between 8:00 A.M.-5:00 P.M., Monday through Friday. Only 5.9 per cent are scheduled after 5:00 P.M., Monday through Friday; 0.1 per cent are scheduled on Saturday.

3. When all types of instructional space in permanent buildings are considered together (1) the room-period use totals 54 per cent of all the room-periods available during a 44-hour week and (2) the student-station-period use totals 40 per cent of all the student-station-periods available during a 44-hour week.

4. Teaching auditoriums and general classrooms are used substantially more than seminar rooms and teaching laboratories.

5. General classrooms are used more on Mondays and Wednesdays than on Tuesdays, Thursdays, and Fridays. Teaching laboratories are used rather uniformly during the first four days of the work week. Teaching auditoriums are used almost uniformly throughout the week. Seminar rooms are used most on Tuesda All types of instructional rooms show little or no usage on Saturdays.

6. When all types of instructional space are considered together, the hours of room use beginning at 2:00 P.M., 10:00 A.M., and 9:00 A.M. have the highest percentage of use. The hours beginning at 3:00 P.M., 1:00 P.M., and 8:00 A.M. also show high percentages of use. The least used hour of the daylight hours is that beginning at 4:00 P.M.*

7. When all types of instructional space are considered together, the History Building has the highest percentage of room-period use (77%) while the Geology Building and History Building tie for the highest percentage of student-station-period use (58%).

8. The Dining Hall shows the lowest percentage of room-period use (29%) for all types of instructional space considered together; it also shows the lowest percentage of student-station-period use (12%).

9. In general, rooms with 31 or more student-stations show a higher percentage of room-period use than do the smaller rooms. Rooms having 151-250 student-stations have particularly heavy room-period use.

10. For all types of instructional space combined the percentage of utilization of student-stations when rooms are actually assigned is 66 per cent.

11. Class size in general shows a direct relationship to the size of the room in which the class meets. In general, the sizes of the classes are fairly well suited to the sizes of the rooms.

12. In the past few years Russell and Doi in one publication and Doi and Scott in another publication have supplied normative data concerning instructional space utilization in American institutions of higher education. When local findings are laid alongside these normative data it becomes clear that the Florida State University in comparison with other colleges and universities throughout the nation is using its permanent instructional space effectively and efficiently.

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*Table 9 (page 13) shows apparent low utilization of the 12 noon hour. As explained on page 18, however, this is not the true situation. Actually the 12 noon hour is well used.

APPENDICES

APPENDIX A

RECORD OF USE OF INDIVIDUAL INSTRUCTIONAL ROOMS

Fall, 1962 FLORIDA STATE UNIVERSITY

Building:_____ Bldg. No.___ Type of Bldg.: Perm___Temp___

Room No._____ Area in Square Feet_____

Student Stations____ Square Ft. Per Station_____

Department(s) Controlling Room_____

Air Conditioning in Room: Yes_____ No_____

| TYPE OF ROOM (Check one) | |
|---|---|
| General Classroom | ____ |
| Seminar Room | ____ |
| Teaching Laboratory | ____ |
| Teaching Auditorium | ____ |
| Other_____ | ____ |

| Period of Day | Number of Student Stations Occupied Each Period Each Day | | | | | | TOTALS | |
|---|---|---|---|---|---|---|---|---|
| | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | Student Station-Periods | Room Periods |
| 8:00- 9:00 | | | | | | | | |
| 9:00-10:00 | | | | | | | | |
| 10:00-11:00 | | | | | | | | |
| 11:00-12:00 | | | | | | | | |
| 12:00- 1:00 | | | | | | | | |
| 1:00- 2:00 | | | | | | | | |
| 2:00- 3:00 | | | | | | | | |
| 3:00- 4:00 | | | | | | | | |
| 4:00- 5:00 | | | | | | | | |
| 5:00- 6:00 | | | | | | | | |
| 6:00- 7:00 | | | | | | | | |
| 7:00- 8:00 | | | | | | | | |
| 8:00- 9:00 | | | | | | | | |
| 9:00-10:00 | | | | | | | | |
| TOTALS Student Station-Periods | | | | | | | | |
| TOTALS Room Periods | | | | | | | | |

Total Student Stations Available in Room When Assigned _____

Average Number of Periods Student Stations Occupied During Week _____

Percentage of Student Stations Occupied in Room When Assigned _____

## APPENDIX B

## DEFINITIONS OF TYPES OF INSTRUCTIONAL ROOMS

1. General Classrooms: Non-specialized instructional rooms equipped with seating for student use and with a desk, table or lectern and a chair for the instructor are included in this category. Even though such rooms contain some equipment to meet the particular needs of any one subject, as in the case of lecture demonstration rooms, they are classed as general classrooms so long as the equipment does not render them unsuited to classes in almost any subject.

2. Seminar Rooms: Non-specialized rooms furnished and equipped to accommodate students and instructor(s) seated about a conference table are classified as seminar rooms. Rooms of this type that are not regularly available for class meetings because they are assigned for use as faculty or administrative conference rooms are not included as instructional space even though they may be used occasionally for class meetings.

3. Teaching Laboratories: Rooms that are equipped for a specialized laboratory-type instructional activity are classified as laboratories even though they may have sufficient flexibility for occasional use for lecture-recitation-discussion purposes. Such facilities of a laboratory type that are not available regularly for class meetings by virtue of assignment to faculty research are not included in this classification.

4. Teaching Auditoriums: Rooms with a stage, audience seating, and other equipment for the purpose of presenting plays, concerts, and similar programs are classified as teaching auditoriums if they are regularly available for scheduled class meetings.

5. Other or Not Classified: This category is reserved for instructional areas which for various reasons do not fall into the above classifications. The use of these "other" facilities is summarized in Appendix C.

## APPENDIX C

### NUMBER OF CLASS SESSIONS EACH WEEK HELD IN SPACE NOT REGULARLY AVAILABLE FOR CLASS ACTIVITIES AND IN SPECIAL TYPES OF INSTRUCTIONAL SPACE*

| Building | Room No. | Designation of Space | Number Student Stations | No. of Room-Periods Per Week | No. Student-Station-Periods Occupancy/Week |
|---|---|---|---|---|---|
| CBA | 340 | Planning Lab | 30 | 7 | 45 |
| Business | 120 | Conference Room | 150 | 4 | 267 |
| | 322 | Conference Room | 22 | 24.5 | 96.5 |
| Chemistry | 102 | Research Lab | 1 | 14 | 280 |
| | 307 | Research Lab | 12 | 8 | 48 |
| Dining Hall | 03 | Sculpture Studio | 22 | 7.5 | 67.5 |
| | 112 | Kitchen | 0 | 7.5 | 315 |
| | 221 | Cafe | 45 | 12 | 219 |
| Health | 201 | TV Studio | 0 | 3 | 54 |
| | 204 | Auditorium Service Area | 17 | 3 | 73 |
| | 222 | Conference Room | 20 | 6.5 | 137 |
| Education | 201 | Conference Room | 150 | 5 | 703 |
| | 420A | Office | 0 | 6 | 9 |
| History | Aud. | Augusta Conwell Theatre | 404 | 13.5 | 886.5 |
| | 2120 | Conference Room | 14 | 5 | 70 |
| Home Economics | 220 | Conference Room | 16 | 11 | 264 |
| | 304 | Research Lab | 0 | 4 | 40 |
| Library | 201 | Reading Room | 17 | 4 | 34 |
| | 204 | Reading Room | 13 | 4 | 72 |
| | 304 | Reading Room | 20 | 3 | 60 |
| | 307 | Reading Room | 25 | 4.5 | 87 |
| Longview | 201 | Recreation Room | 203 | 10 | 1015 |
| Montgomery Gym | 07 | Bowling Alley | 30 | 39 | 1365 |
| | 103 | Swimming Pool | 35 | 43 | 1505 |
| | 200 | Gymnasium | 30 | 12 | 468 |
| | 213 | Gymnasium | 30 | 39 | 1170 |
| | 301 | Gymnasium | 42 | 10 | 546 |
| | 403 | Gymnasium | 45 | 30 | 1150 |
| Music | 104 | Studio-Office | 1 | 7 | 14 |
| | 106 | Studio-Office | 1 | 10 | 45 |

APPENDIX C--Continued

| Building | Room | Description of Space | Number Student Stations | No. of Room-Periods Per Week | No. Student-Station-Periods Occupancy/Week |
|---|---|---|---|---|---|
| Music | 108 | Studio-Office | 1 | 6 | 10 |
| | 110 | Studio-Office | 1 | 84 | 84 |
| | 112 | Studio-Office | 1 | 5.5 | 11 |
| | 115B | Radio Studio | 10 | 3 | 30 |
| | 117 | Studio-Office | 15 | 24.5 | 73 |
| | 205 | Choral Room | 125 | 9.5 | 468 |
| | 207 | Band Room | 125 | 24 | 1336.5 |
| | 304 | Studio-Office | 2 | 9 | 17 |
| | 303 | Studio-Office | 1 | 11 | 26.5 |
| | 305 | Studio-Office | 1 | 9 | 18 |
| | 306 | Studio-Office | 1 | 19.5 | 39 |
| | 307 | Studio-Office | 2 | 7 | 26 |
| | 308 | Studio-Office | 1 | 21.5 | 33 |
| | 309 | Studio-Office | 2 | 12 | 40 |
| | 310 | Studio-Office | 3 | 17.5 | 33 |
| | 311 | Studio-Office | 1 | 21.5 | 36 |
| | 312 | Studio-Office | 1 | 24 | 48 |
| | 313 | Studio-Office | 1 | 20.5 | 33.5 |
| | 314 | Studio-Office | 1 | 23.5 | 38 |
| | 316 | Studio-Office | 3 | 13.5 | 47 |
| | 318 | Studio-Office | 1 | 19 | 36 |
| | 320 | Studio-Office | 1 | 3 | 6 |
| | 322 | Studio-Office | 4 | 9 | 25 |
| | 324 | Studio-Office | 1 | 22.5 | 63 |
| | 326 | Studio-Office | 1 | 12.5 | 34 |
| | 328 | Studio-Office | 1 | 12.5 | 25 |
| | 330 | Studio-Office | 1 | 22 | 44 |
| | 336 | Studio-Office | 1 | 13 | 29 |
| | 338 | Studio-Office | 1 | 16 | 23 |
| | 413 | Practice Room | 1 | 72 | 72 |
| | 415 | Practice Room | 1 | 54 | 54 |
| | 417 | Practice Room | 1 | 72 | 72 |
| | 418 | Practice Room | 1 | 72 | 72 |
| | 419 | Practice Room | 1 | 66 | 66 |
| | 421 | Practice Room | 1 | 66 | 66 |
| | 422 | Practice Room | 1 | 72 | 72 |
| | 423 | Practice Room | 1 | 60 | 60 |
| | 424 | Practice Room | 1 | 66 | 66 |
| | 425 | Practice Room | 1 | 54 | 54 |
| | 426 | Practice Room | 1 | 72 | 72 |
| | 427 | Practice Room | 1 | 60 | 60 |
| | 428 | Practice Room | 1 | 48 | 48 |
| | 429 | Practice Room | 1 | 60 | 60 |
| | 430 | Practice Room | 1 | 66 | 66 |
| | 431 | Practice Room | 1 | 54 | 54 |
| | 432 | Practice Room | 1 | 60 | 60 |
| | 433 | Practice Room | 1 | 42 | 42 |
| | 434 | Practice Room | 1 | 60 | 60 |
| | 435 | Practice Room | 1 | 60 | 60 |
| | 436 | Practice Room | 1 | 40 | 40 |

APPENDIX C--Continued

| Building | Room | Description of Space | Number Student Stations | No. of Room-Periods Per Week | No. Student-Station-Periods Occupancy/Week |
|---|---|---|---|---|---|
| Huntington | 437 | Practice Room | 1 | 45 | 45 |
| | 438 | Practice Room | 1 | 54 | 54 |
| | 439 | Practice Room | 1 | 60 | 60 |
| | 440 | Practice Room | 1 | 54 | 54 |
| | 441 | Practice Room | 1 | 60 | 60 |
| | 443 | Practice Room | 1 | 45 | 45 |
| | 444 | Practice Room | 1 | 30 | 30 |
| | 446 | Practice Room | 1 | 54 | 54 |
| | 447 | Practice Room | 1 | 45 | 45 |
| | 448 | Practice Room | 1 | 45 | 45 |
| | 449 | Practice Room | 1 | 60 | 60 |
| | 450 | Practice Room | 1 | 60 | 60 |
| | 452 | Practice Room | 1 | 60 | 60 |
| | 453 | Practice Room | 1 | 60 | 60 |
| | 454 | Practice Room | 1 | 60 | 60 |
| | 455 | Practice Room | 1 | 30 | 30 |
| | 456 | Practice Room | 1 | 60 | 60 |
| | 457 | Practice Room | 1 | 45 | 45 |
| | 458 | Practice Room | 1 | 60 | 60 |
| | 459 | Practice Room | 1 | 30 | 30 |
| | 460 | Practice Room | 1 | 60 | 60 |
| | 461 | Practice Room | 1 | 54 | 54 |
| | 462 | Practice Room | 1 | 60 | 60 |
| | 463 | Practice Room | 1 | 45 | 45 |
| | 464 | Practice Room | 1 | 45 | 45 |
| | 466 | Practice Room | 1 | 60 | 60 |
| | 468 | Practice Room | 1 | 60 | 60 |
| | 470 | Practice Room | 1 | 54 | 54 |
| | 472 | Practice Room | 1 | 45 | 45 |
| | 474 | Practice Room | 1 | 60 | 60 |
| | 476 | Practice Room | 1 | 30 | 30 |
| | 478 | Practice Room | 1 | 30 | 30 |
| | 480 | Practice Room | 1 | 54 | 54 |
| | 483 | Practice Room | 1 | 30 | 30 |
| | 485 | Practice Room | 1 | 30 | 30 |
| | 486 | Practice Room | 1 | 30 | 30 |
| | 487 | Practice Room | 1 | 45 | 45 |
| | 489 | Practice Room | 1 | 30 | 30 |
| | 491 | Practice Room | 1 | 18 | 18 |
| | 493 | Practice Room | 1 | 30 | 30 |
| Psychology | 421 | Research Lab | 10 | 19 | 443 |
| Tully Gym | 139 | Gymnasium | --- | 15 | 423 |
| TOTALS | | (102) | | 4139.0** | 17103.0 |

*Data not included in main body of report.

**Average number of periods per week is 33.9.

APPENDIX D

USE OF INSTRUCTIONAL ROOMS IN TEMPORARY BUILDINGS*
(Entire Calendar Week)

| Building | No. of Rooms | Total Room-Periods Used | Avg. No. Periods Room Used | Percentage of Possible** Utilization | No. of Student-Stations | Total Student-Station-Periods Occupied | Avg. No. Periods Student Stations Used | Percentage of Possible** Utilization |
|---|---|---|---|---|---|---|---|---|
| B-80 (Lodge) | 2 | 38.0 | 19.0 | 43% | 35 | 696.0 | 19.7 | 29% |
| ——— | — | ——— | ——— | ——— | — | ——— | ——— | ——— |
| TOTAL | 2 | 38.0 | 19.0 | 43% | 35 | 696.0 | 19.7 | 29% |

*These data are not included in the main body of the report.

**Based on a 44-hour week.

# APPENDIX E

## ENROLLMENTS FOR COURSES IN WHICH NO REGULARLY SCHEDULED CLASS MEETINGS ARE HELD

| Department and Course No. | Course Title | Sem. Hrs. Credit | Enrollment | Total Stud. Sem. Hours |
|---|---|---|---|---|
| Aty 591-A | Directed Individual Study | 3 | 2 | 6 |
| Art-C-D-M | Directed Individual Study | 3-3-3 | 3 | 15 |
| A Ed 591-A | Directed Individual Study | 3-3 | 6 | 12 |
| AV Ed 535 | Org. & Adm. of A-V Center | 3 | 1 | 3 |
| AV Ed 536 | Selection & Evaluation of A-V Material | 3 | 1 | 3 |
| AV Ed 539 | Production: The Motion Picture | 3 | 1 | 3 |
| Boy 599 | Thesis | 3-6 | 3 | 9 |
| Bly 491 | Directed Individual Study | 3 | 1 | 3 |
| Bly 491H | Directed Individual Study | 2 | 1 | 2 |
| Bly 499A-B | Honors | 3 | 2 | 3 |
| Bly 551-2-3-4 | Genetics Seminar | 2 | 1 | 8 |
| Bly 545-545H | Problems in Marine Biology | 1-3 | 4 | 9 |
| Bly 591A-B-C-D-H | Directed Individual Study | 3-2-3-3-3-2 | 10 | 25 |
| B Ad 591 | Directed Individual Study | 3 | 2 | 6 |
| B Ad 599 | Thesis | 3-6 | 22 | 69 |
| Bty 557 | Special Research Problems | 3 | 1 | 3 |
| Bty 699 | Dissertation | 3-6 | 1 | 3 |
| Cy 551-2-3-4 | Chemical Research | 3-3-3-3 | 20 | 84 |
| Cy 591A-B-C-D-H | Directed Individual Study | 3-3-3-3-1 | 20 | 58 |
| Cy 599 | Thesis | 3-6 | 1 | 3 |
| Cy 699 | Dissertation | 3-6 | 23 | 153 |
| CT 591 | Directed Individual Study | 3 | 1 | 3 |
| CT 599 | Thesis | 3-6 | 2 | 6 |
| CT 699 | Dissertation | 3-6 | 1 | 4 |
| CD 591C | Directed Individual Study | 3 | 1 | 3 |
| CD 599 | Thesis | 3-6 | 1 | 3 |
| IB 599 | Thesis | 3-6 | 1 | 6 |
| En 498A-B | Honors Student Teaching | 3 | 4 | 12 |
| En 499A | Individual Honors Study | 3 | 4 | 12 |
| En 591A | Directed Individual Study | 3 | 2 | 6 |
| En 599 | Thesis | 3-6 | 1 | 4 |
| En 699 | Dissertation | 3-6 | 2 | 9 |
| En E 491 | Directed Individual Study | 3 | 1 | 3 |
| En F 498 | Honors Student Teaching | 3 | 2 | 6 |
| En E 599 | Thesis | 3-6 | 2 | 6 |

APPENDIX I--Continued

| Department and Course No. | Course Title | Sem. Hrs. Credit | Enrollment | Total Stud. Sem. Hours |
|---|---|---|---|---|
| EnF 591 | Directed Individual Study | 3 | 1 | 3 |
| EnF 699 | Dissertation | 3-6 | 3 | 12 |
| EnG 507A-B | Practicum | 3 | 3 | 21 |
| EnG 508A-B,C | Practicum | 3 | 12 | 36 |
| EnG 699 | Dissertation | 3-6 | 7 | 23 |
| EnH 591B | Directed Individual Study | 3 | 1 | 3 |
| EnH 608 | Internship in School Psychology | 6 | 1 | 6 |
| EnH 699 | Dissertation | 3-6 | 2 | 9 |
| EnH 411A-B | Directed Observation & Participation in Teaching-Secondary | 3-3 | 4 | 12 |
| EnAH 591A-B | Directed Individual Study | 3-3 | 2 | 6 |
| EnAH 699 | Dissertation | 3-6 | 2 | 12 |
| EnAT 699 | Dissertation | 3-6 | 2 | 6 |
| EnCU 517B | College Teaching | 3 | 3 | 9 |
| EnCU 518 | Internship in College & Junior College Teaching | 0-2 | 8 | 14 |
| EnCU 539 | Practicum in Student Personnel Work | 3 | 3 | 9 |
| EnCU 591A-B | Directed Individual Study | 3-3 | 2 | 24 |
| EnCU 699 | Dissertation | 3-6 | 4 | 24 |
| EC En 401A-B | Internship with Exceptional Children | 3 | 2 | 6 |
| EC En 591A | Directed Individual Study | 3 | 1 | 3 |
| ThEn 498A-B | Honors Student Teaching | 3-3 | 3 | 9 |
| ThEn 499A | Honors | 3 | 2 | 6 |
| ThEn 699 | Dissertation | 3-6 | 2 | 7 |
| FL En 531 | Research Problems in Teaching Foreign Languages | 3 | 1 | 3 |
| HaEn 498A-B | Honors Student Teaching | 3-6 | 2 | 6 |
| HaEn 591B | Directed Individual Study | 3-3 | 2 | 4 |
| HaEn 699 | Dissertation | 3-6 | 2 | 7 |
| SeEn 491 | Directed Individual Study | 3 | 1 | 3 |
| SeEn 498A-B | Honors Student Teaching | 3-3 | 2 | 6 |
| SeEn 499 | Honors | 3 | 1 | 3 |
| SeEn 591B | Directed Individual Study | 3-3 | 4 | 11 |
| SeEn 699 | Dissertation | 3-6 | 2 | 9 |
| SS En 498A-B | Honors Student Teaching | 3-3 | 4 | 11 |
| SS En 499 | Honors | 3 | 3 | 9 |
| SS En 591A | Directed Individual Study | 3 | 1 | 3 |
| SS En 599 | Thesis | 3-6 | 1 | 3 |
| EgE 599 | Thesis | 3-6 | 2 | 6 |
| Ph 599 | Thesis | 3-6 | 7 | 18 |
| Ph 699 | Dissertation | 3-6 | 7 | 30 |
| PE 591A-C | Directed Individual Study | 3-3 | 3 | 9 |
| PE 599 | Thesis | 3-6 | 1 | 6 |

APPENDIX B--Continued

| Department and Course No. | Course Title | Sem. Hrs. Credit | Enrollment | Total Stud. Sem. Hours |
|---|---|---|---|---|
| FS 699 | Dissertation | 3+6 | 6 | 31 |
| Fs 599 | Thesis | 3+6 | 1 | 0 |
| Sgy 591A-B+C | Directed Individual Study | 3+3+3 | 8 | 24 |
| Sgy 599 | Thesis | 3+6 | 2 | 6 |
| Sly 591A-B+C-D+F | Directed Individual Study | 3+3+3+3+3 | 17 | 51 |
| Sly 599 | Thesis | 3+6 | 8 | 10 |
| Sly 699 | Dissertation | 3+6 | 6 | 36 |
| Sgw 591B | Directed Individual Study | 3 | 4 | 3 |
| Sgw 599 | Thesis | 3+6 | 7 | 31 |
| Sk 591A | Directed Individual Study | 3 | 4 | 3 |
| S Sn 591A | Directed Individual Study | 3 | 4 | 3 |
| Sy 591A-B+C-D | Directed Individual Study | 3+3+3+3 | 13 | 51 |
| Sy 599 | Thesis | 3+6 | 7 | 18 |
| Sy 699 | Dissertation | 3+6 | 3 | 18 |
| S Ts 699 | Dissertation | 3+6 | 8 | 13 |
| Ss Sn 599 | Thesis | 3+6 | 2 | 3 |
| Ss 591A | Directed Individual Study | 3 | 4 | 3 |
| Ss 491-2+3+4 | Directed Individual Study | 3+3+3+3 | 26 | 78 |
| Ss 490A-B+C | Honors | 3+3+3 | 13 | 69 |
| Ss 699 | Dissertation | 3+6 | 2 | 7 |
| Sa 591A | Directed Individual Study | 3 | 4 | 3 |
| Sa 691A | Directed Individual Study | 3 | 4 | 3 |
| Sa 699 | Dissertation | 3+6 | 6 | 28 |
| Sy 591 | Directed Individual Study | 3 | 4 | 3 |
| Sy 691B+C | Directed Individual Study | 3 | 8 | 6 |
| Sy 699 | Dissertation | 3+6 | 4 | 19 |
| Swr 591A-B+C | Directed Individual Study | 3+3+3 | 11 | 47 |
| Swr 591A-B | Recital | 2+2 | 7 | 14 |
| Swr 599 | Thesis | 3+6 | 3 | 11 |
| Swr 691A-B+C-D | Directed Individual Study | 3+3+3 | 10 | 45 |
| Swr 699 | Dissertation | 3+6 | 10 | 88 |
| Fgy 591B | Directed Individual Study | 3 | 3 | 9 |
| Fgy 599 | Thesis | 3+6 | 1 | 3 |
| Ff 591B+C | Directed Individual Study | 3+3 | 2 | 6 |
| Ff 599 | Thesis | 3+6 | 2 | 9 |
| F1S 491-2+3 | Directed Individual Study | 3+3+3 | 6 | 18 |
| F1S 490A+C | Honors | 3+3+3 | 7 | 21 |
| Fs 591A-B+C | Directed Individual Study | 3+3+3 | 7 | 21 |
| Fs 599 | Thesis | 3+6 | 4 | 12 |
| Fs 699 | Dissertation | 3+6 | 13 | 75 |

| Department and Course No. | Course Title | Sem. Hrs. Credit | Enrollment | Total Stud. Sem. Hours |
|---|---|---|---|---|
| Py 599 | Thesis | 3-6 | 1 | 1 |
| Py 699 | Dissertation | 3-6 | 1 | 10 |
| Psy 591A | Directed Individual Study | 3 | 3 | 9 |
| Psy 599 | Thesis | 3 | 7 | 21 |
| Psy 605 | Internship in School Psychology | 6 | 1 | 6 |
| Psy 611-612 | Primate Behavior | 3-4 | 2 | 7 |
| Psy 699 | Dissertation | 3-6 | 9 | 45 |
| Rec 460A-B-C-D | Field Work in Recreation | 1-1-1-1 | 43 | 43 |
| S Se 491-2 | Directed Individual Study | 3-3 | 6 | 18 |
| S Se 499A-B | Honors | 3-3 | 12 | 36 |
| S Se 591 | Directed Individual Study | 3 | 2 | 6 |
| SW 573 | Marriage Counseling Practicum | 3 | 3 | 9 |
| SW 591-2-A | Directed Individual Study | 3-3-3 | 63 | 189 |
| SW 599 | Thesis | 3-6 | 4 | 12 |
| SW 699 | Dissertation | 3-6 | 1 | 1 |
| Sy 599 | Thesis | 3-6 | 4 | 11 |
| Sy 699 | Dissertation | 3-6 | 3 | 9 |
| Th 591A | Directed Individual Study | 3 | 1 | 3 |
| Th 599 | Thesis | 3-6 | 2 | 6 |
| Th 699 | Dissertation | 3-6 | 1 | 6 |
| Th 591A-B-C-D | Directed Individual Study | 3-3-3-3 | 6 | 18 |
| Th 599 | Thesis | 3-6 | 2 | 6 |
| Th 699 | Dissertation | 3-6 | 1 | 4 |
| Za 599 | Thesis | 6 | 4 | 16 |
| Zy 599 | Thesis | 3-6 | 4 | 8 |
| Zy 699 | Dissertation | 3-6 | 4 | 30 |

# APPENDIX F

## SUMMARY OF FORMER CLASSROOMS NOW ASSIGNED TO OTHER USES*

| BUILDING | ROOM NUMBER | CURRENT USE |
|---|---|---|
| Building "A" | 109 | Research Lab |
| Building "A" | 207 | General Classroom Service |
| Business | 313 | General Typing Room |
| Business | 315 | General Typing Room |
| Dodd | 106 | Remodeling |
| Education | 309 | Office and Counseling Room |
| Education | 413 | Remodeling |
| History | 125 | Research Lab |
| Home Economics | 417 | Now 417A |

*Rooms in 1961 report--not in 1962 report.

APPENDIX G

SUMMARY OF OTHER ROOMS NOW
ASSIGNED AS CLASSROOM SPACE*

| BUILDING | ROOM NUMBER | DESCRIPTION OF SPACE |
|---|---|---|
| Art Educ. Lab. Wing | 01 | Teaching Laboratory |
| Art Educ. Lab. Wing | 03 | Teaching Laboratory |
| Art Educ. Lab. Wing | 03E | Teaching Laboratory |
| Building "A" | 106 | General Classroom |
| Geology | 202 | Teaching Laboratory |
| Home Economics | 417A | Teaching Laboratory** |
| Montgomery Gym | 306 | General Classroom |
| Music | 208 | General Classroom |
| Westcott | 314 | Teaching Laboratory |

*Rooms in 1962 Report not in 1961 Report.

**Reported as 417 in 1961.

## APPENDIX H

## INADEQUACIES OF THIS SPACE UTILIZATION STUDY

In the conduct of this study certain difficulties and problems have been encountered which militate against the highest degree of accuracy. The findin in this report must therefore be considered as approximations. It is believed however, that the data here presented reflect conditions very close to the tru situation.

Among the difficulties and problems encountered during the study are the following:

1. In a few instances there were inconsistencies between preliminary dat at the top of the Record of Use of Individual Instructional Rooms for and data in the main body of the table. In several cases these diffe were resolved satisfactorily; in some cases arbitrary decisions were in terms of the best judgments of individuals working on the study.

2. The study took no account of the extent to which a given room was use yond scheduled use. Yet it was known in many instances that the room additional uses. For example, a given room might serve as a seminar several hours per week and then be heavily used during the rest of th as a reading room, conference room, or general work room. In this st consideration was given to use beyond scheduled classroom use.

3. With the introduction of the trimester calendar, class periods now be staggered hours (examples: 8:00 A.M., 9:10 A.M., 10:20 A.M., 11:30 A 12:40 P.M., 1:50 P.M., 3:00 P.M. and so on). In this study beginning have been tabulated to the nearest clock hour. This procedure has pr an unrealistic picture concerning the use of the 12-noon hour. This shows the 12-noon hour to be used relatively little. Actually it is used. This situation is explained on page 18 of the text.